



TRANSMITTAL LETTER
Emergent Structure Analysis
April 9, 2004
Encompass Knowledge Systems, Inc.

This transmittal letter accompanies two copies of a compact disc containing the EnCompass® program, patent application, and other pertinent information. Both CD's are identical. The replacement compact discs contain no new matter.

The following hardware requirements must be met in order to successfully run the software contained on the CD:

- IBM PC or PC compatible computer
- MS Windows NT 4.0, Windows 2000, or Windows XP operating system
- MS Internet Explorer 5.0 or higher
- Pentium CPU
- Minimum 32 MB RAM
- Minimum 100 MB available disk space, for program and local database
- Display adapter and monitor capable of 256 colors at resolution 1024 X 768

Compact Disk Machine Format: IBM-PC

Operating System Compatibility: MS Windows NT 4.0, Windows 2000, or Windows XP operating system with MS Internet Explorer 5.0 or higher.

File Location	File Name	Size in Bytes	Date of Creation	Notes
<root>	_INST321.EX_	297,989 bytes	October 2, 1998	
<root>	_ISDel.exe	27,648 bytes	October 2, 1998	
<root>	_Setup.dll	34,816 bytes	September 29, 1998	
<root>	_sys1	181,565 bytes	September 6, 2002	
<root>	_sys1.hdr	3,905 bytes	September 6, 2002	
<root>	_user1	22,973 bytes	September 6, 2002	
<root>	_user1.hdr	4,510 bytes	September 6, 2002	
<root>	DATA.TAG	126 bytes	September 6, 2002	
<root>	data1.cab	28,565,188 bytes	September 6, 2002	
<root>	data1.hdr	11,040 bytes	September 6, 2002	
<root>	DCA-readme.txt	3,054 bytes	August 12, 2002	Read this file prior to installing

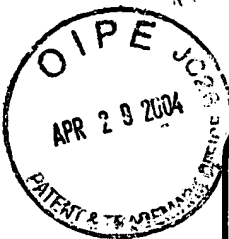
				the product.
<root>	Encdb_5.log	2,162,688 bytes	July 18, 2002	Database log installed with database.
<root>	EncLocal.db	86,253,568 bytes	July 18, 2002	Database installed for program.
<root>	lang.dat	4,679 bytes	September 18, 1998	
<root>	layout.bin	650 bytes	September 6, 2002	
<root>	os.dat	450 bytes	July 27, 1998	
<root>	setup.bmp	165,400 bytes	July 9, 2002	
<root>	Setup.exe	71,680 bytes	October 2, 1998	Double-click this icon to begin the setup process if it does not begin automatically or if you need to restart the process for some reason.
<root>	Setup.ini	90 bytes	September 6, 2002	
<root>	setup.ins	63,374 bytes	July 20, 2002	
<root>	setup.lid	49 bytes	September 6, 2002	
<root>	vssver.scc	64 bytes	July 9, 2002	
<root>\ESA Source	aaf.C	11,020 bytes	July 15, 2002	All files in the ESA folder may be viewed using MS Word or a text viewer. These are source code files for the emergent structure analysis.
<root>\ESA Source	aaf.H	2,843 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	aafcls.H	2,985 bytes	July 15, 2002	Source code file for the emergent

				structure analysis.
<root>\ESA Source	aafmac.H	2,330 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	aafrd1.C	26,358 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	aafrd2.C	26,435 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	aafsql.C	5,328 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ANR.C	145,867 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ANR.H	6,368 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ANRCLS.H	10,219 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ANRMAC.H	41,842 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	die.C	6,911 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	die.H	1,965 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	diecls.H	1,809 bytes	July 15, 2002	Source code file for the emergent structure analysis.

<root>\ESA Source	diemac.H	1,887 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIG.C	48,777 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIG.H	3,483 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIGCLS.H	1,809 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIGMAC.H	12,384 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIR.C	102,352 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIR.H	4,709 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIRCLS.H	4,670 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	DIRMAC.H	28,111 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ene.C	51,974 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ene.H	3,586 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	enecls.H	1,809 bytes	July 15, 2002	Source code file for the emergent

				structure analysis.
<root>\ESA Source	enemac.H	12,872 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esa.c	70,351 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esa.h	3,037 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esabd1.c	9,582 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esabd2.c	9,607 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esac1s.h	5,526 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esacnc.C	15,381 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esaisr.C	8,441 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esamac.h	1,785 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esamax.C	24,922 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ese.C	13,089 bytes	July 15, 2002	Source code file for the emergent structure analysis.

<root>\ESA Source	ese.H	2,211 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esecls.H	1,809 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	esemac.H	2,599 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ISR.C	22,388 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ISR.H	2,083 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ISRCLS.H	2,314 bytes	July 15, 2002	Source code file for the emergent structure analysis.
<root>\ESA Source	ISRMAC.H	4,719 bytes	July 15, 2002	Source code file for the emergent structure analysis.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

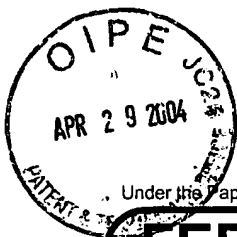
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/679,253	
	Filing Date	October 3, 2003	
	First Named Inventor	Michael M. Mann, et al.	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	36	Attorney Docket Number	65567/ENCMP

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1. CD Transmittal Letter dated April 9, 2004.
<input type="checkbox"/> Information Disclosure Statement	<input checked="" type="checkbox"/> CD, Number of CD(s) <u>2</u>	2. Recordation Form Cover Sheet with 4 page Assignment
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gilbert G. Kovelman, Esq. Fulwider Patton Lee & Utecht, LLP
Signature	
Date	April 26, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the			
Typed or printed name	Gilbert G. Kovelman	Date	April 26, 2004
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$490.00

Complete if Known

Application Number 10/679,253
Filing Date October 3, 2003
First Named Inventor Michael M. Mann, et al.
Examiner Name
Art Unit
Attorney Docket No. 65567/ENCMP

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

06-2425

Deposit
Account
Name

Fulwider Patton Lee & Utecht, LL

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below	Fee Paid
Total Claims	-20** =		
Independent Claims	-3** =		
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) \$0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$105.00

SUBMITTED BY

Name (Print/Type)	Gilbert G. Koveman	Registration No. (Attorney/Agent)	19,552	Telephone	310/824-5555
Signature				Date	April 26, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.